TFT LCD MONITOR

USER MANUAL

LCD80AV

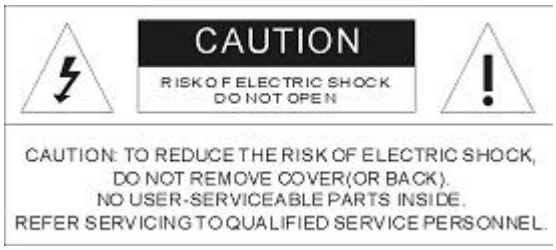
8.0” TFT LCD Colour Monitor

CE

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.
DO NOT INSERT ANY METALLIC OBJECT THROUGH VENTILATION GRILLS.

CAUTION:


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER(OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

Explanation of Graphical Symbols

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of un-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

Precautions

Safety----------

Should any liquid or solid object fall into the cabinet, unplug the unit and have it checked by the qualified personnel before operating it any further.

Unplug the unit from the wall outlet if it is not going to be used for several days or more.
To disconnect the cord, pull it out by the plug. Never pull the cord itself.

Allow adequate air circulation to prevent internal heat built-up. Do not place the unit on surfaces(rugs, blankets, etc.) or near materials (curtains, draperies) that may block the ventilation holes.

Installation----------

Do not install the unit in an extremely hot or humid place or in a place subject to excessive dust or mechanical vibration.

The unit is not designed to be waterproof. Exposure to rain or water may damage the unit.

Cleaning----------

Clean the unit with a slightly damp soft cloth. Use a mild household detergent. Never use strong solvents such as thinner or benzene as they might damage the finish of the unit.

Retain the original carton and packing materials for safe transport of this unit in the future.

Safety Precautions

Federal Communications Commission (FCC) Statement

This Equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

● You are cautioned that changes or modifications not expressly approved by that party responsible for compliance could void your authority to operate the equipment.

This device complies with Part 15 FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received including interference that maybe undesired.

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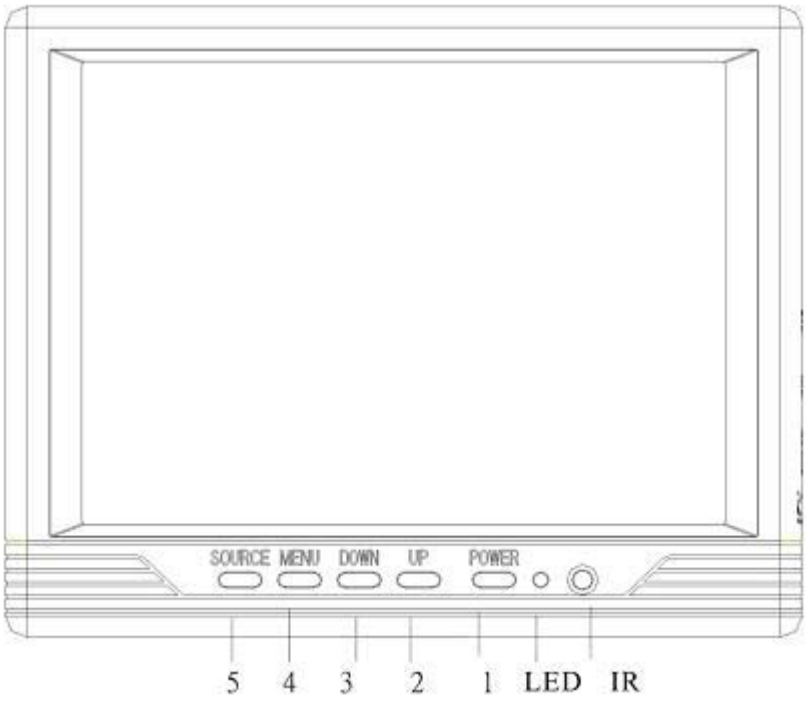
Features

LCD80AV

- Display Pixels 800X600
- Compatible with VGA (640X480), SVGA (800X600)
- Brightness: 250 cd/m^2
- Contrast Ratio: 500:1.
- ACC,AGC and DCGC (Digital Chroma Gain Control)
- View of 120°/140°, vertical and horizontal.
- LCD response time of 25ms.
- Video input support NTSC / PAL standard.
- Built-in speaker.
- Support IR remote controller.

Operating Instructions

LCD80AV



1. Power

Monitor power ON / OFF.

2. 3. Adjust

Increase or decrease the value on OSD menu.

⇧ UP: Increase value on the OSD Menu.

⇩ DOWN: Decrease value on the OSD Menu.

4. Item

OSD menu selection.

5. Menu

Select input signal from AV1, AV2, or PC.

LED:

Power on---LED Green Light

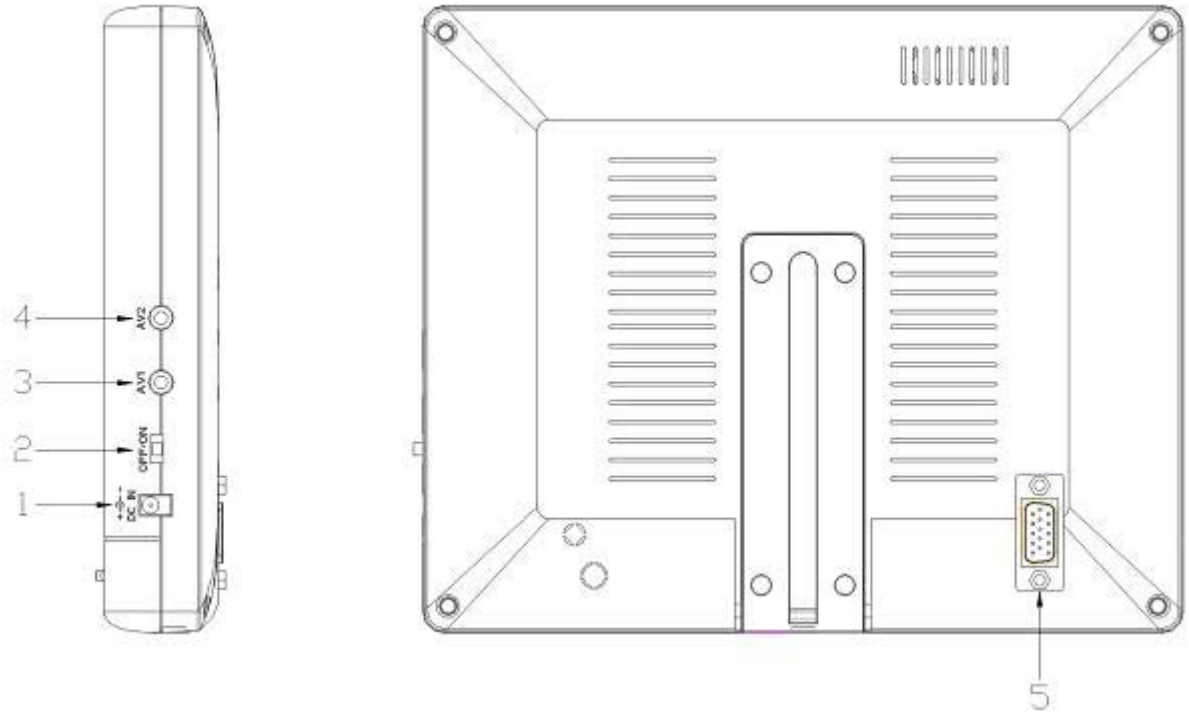
Power off---LED Red Light

IR:

For Remote control

Operating Instructions

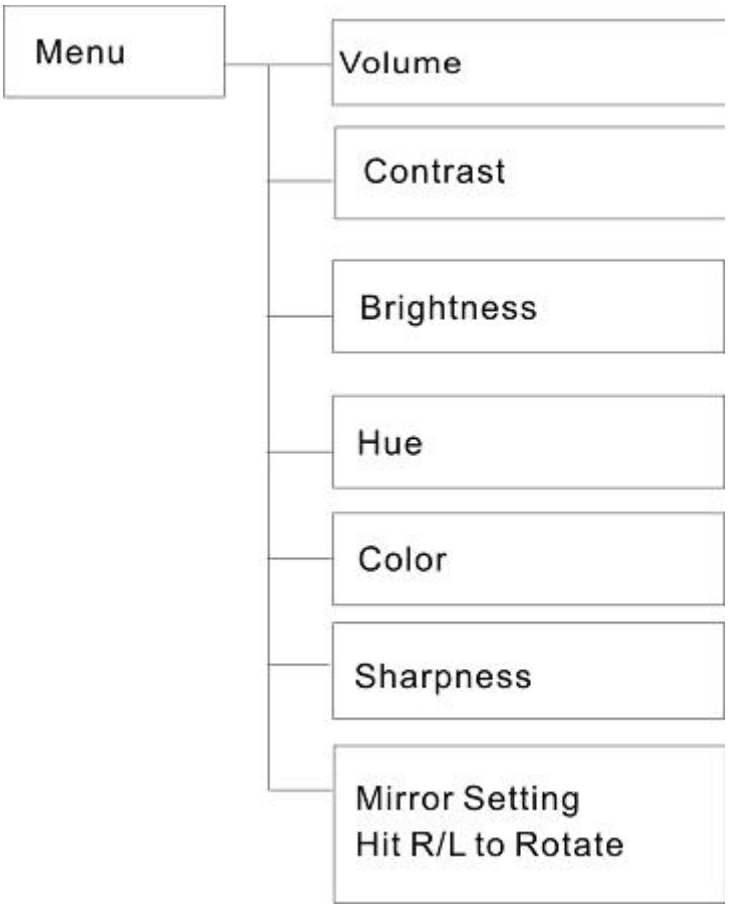
LCD80AV



1: DC12V INPUT
2: Main Power SW
3: AV1 INPUT
4: AV2 INPUT
5: VGA INPUT

Connection

A. Audio Function



Contrast:

Permits adjustment for contrast between light or dark areas of the picture.

Example:

Brightness:

Adjusts the overall picture shade and brightness.

Tip: Use the Brightness to make details in the dark areas of the picture to be just visible, and Contrast to "brighten" the picture without causing noises and foreheads to turn white.

Hue:

Adjust all the colors on the screen, but is most noticeable to the eye in reds and yellows, and is also usually set for pleasing face tones.

Note: Appears in NTSC mode only.

Saturation:

Adds coloring to the black and white picture content (of a colour signal), and is usually set for viewer's preference in colour saturation.

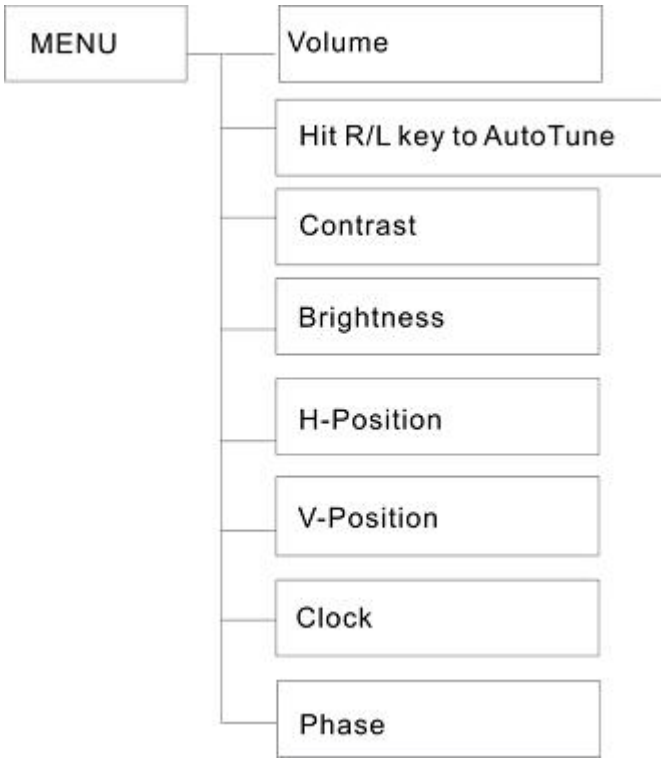
Sharpness:

Sets the desired sharpening enhancement to the picture.

Mirror setting:

Hit R/L key to rotate.

PC Mode Function:



Under Image mode:
Press the MENU button to bring up the OSD menu.
Press UP/DOWN to increase or decrease value on the OSD menu.

Hit R/L key to Auto Tune: Automatically selects the optimal settings for image parameters.
Contrast: Adjusts foreground white level of the screen image.
Brightness: Adjusts background black level of the screen image.
H-Position: Controls the picture horizontal position.
V-Position: Controls the picture vertical position.
Clock: Adjust the internal pix clock lag in order to optimize the screen image.
Phase: Adjust the internal clock time lag in order to optimize the screen image.
Reset All: Returns all controls back to factory setting.

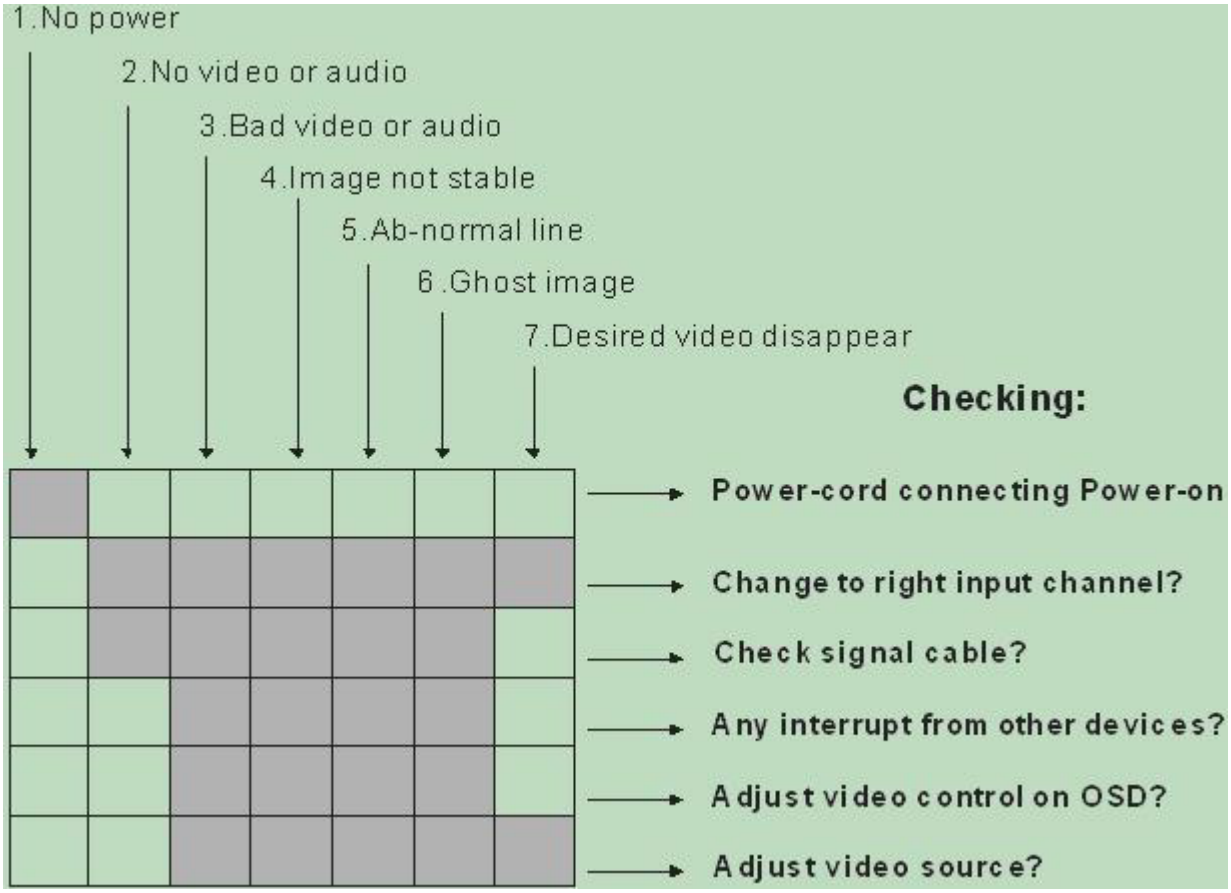
Specification

Model	LCD80AV
LCD Panel	8.0” TFT LCD
Display Colors	262K
Display area	162X121.5 mm
Resolution	800X600
Brightness	250cd/㎡
Contrast Ratio	500:1 typ.
Response Time	25 ms (Tr + tf)
View angle (L/R/U/D)	70/70/50/70
Video input	2CH A/V Input 1.0vp-p at 75 and 1CH VGA input
Audio input	Mono 30mv~100mvp-p/ Speakerx1, 2Wmax
Video/Audio connector	Min phone jack/Mini plug to RCA plug adapter /D-Sub 15pin
Operating	Power ON/OFF OSD Control Function (IR)
Power Supply	DC12V/0.5A
Power Consumption	6 W
Dimension	200x165x30mm
Weight	675g
Temperature	Operating:0~50℃/Storage:-20~70℃
Humidity	20%~80%

Specification

A. TROUBLE SHOOTING

Problems:



Package List

A. LCD Monitor	x 1
B. User Manual	x 1
C Remote Control (optional)	
D. AC Adaptor	x 1
E. Stand	x 1